

Oil Field Environmental Incident Summary

Incident: 20141202160006 **Date/Time of Notice:** 12/02/2014 16:00

Responsible Party: Continental Resources, Inc.

Well Operator: CONTINENTAL RESOURCES, INC.

Well Name: Franklin Produced Water Launcher/Receiver Facility

Field Name:

Well File #:

Date Incident: 12/1/2014

Time Incident: 15:56

Facility ID Number:

County: DIVIDE

Twp: 160

Rng: 95

Sec: 19

Qtr: NE

Location Description: This is a launcher/receiver facility, not a well site. The spill area was approx. 120 feet by 50 feet to the east.

Submitted By: Tim Ilse

Received By:

Contact Person: Kelly Thomas

PO Box 269000

Oklahoma City, OK 73126

General Land Use: Pasture

Affected Medium: Topsoil

Distance Nearest Occupied Building:

Distance Nearest Water Well:

Type of Incident: Valve/Piping Connection Leak

Release Contained in Dike: No

Reported to NRC: No

	Spilled	Units	Recovered	Units	Followup	Units
Oil						
Brine	15	Barrels	15	Barrels	15	barrels
Other						

Description of Other Released Contaminant:

Inspected:

Written Report Received: 10/14/2016

Clean Up Concluded: 1/6/2015

Risk Evaluation:

none

Areal Extent:

Approx. 125 feet by 50 feet, east of facility

Potential Environmental Impacts:

pasture soil, surface of frozen prairie pothole

Action Taken or Planned:

receiver was isolated; assessed immediately, clean-up started, standing liquid was recovered, contaminated material will be removed and replaced with clean material; installing new materials

Wastes Disposal Location: Prairie Disposal

Agencies Involved: NDDH, Emergency Manager, 12/1/14, 19:44
Crosby Sheriff, 12/1/14, 20:20 Local Law Enforcement

Updates

Date: 12/2/2014 **Status:** Reviewed - Follow-up Required

Author: Roberts, Kris

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Release due to a gasket leak on a pipeline cleaning pig launcher. Launcher inside a dirt-floored shelter building. Brine infiltrated soil and daylighted downslope 20 feet from the building, spreading another 100 or so feet to the prairie pothole.

Followup is necessary.

Date: 12/3/2014 **Status:** Inspection

Author: Martin, Russell

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

12/3/2014 at 10:45, on location. Met with Continental personnel and cleanup company (Absorbent Safety Solutions). Incident flowed east on top of ground on to ice of slough and then seems to have spread out once reaching the ice. Initial scraping of southwest corner of slough ice is complete with edge of slough to the south and patch of cattails to the north. ~1 ft of snow on top of ice making detection of brine water impact difficult to locate. Area within cattails is outside of initial scraping, but upon further investigation within cattails, ice has a discoloration and is not entirely frozen. Brine water appears to have impacted at least part of the cattails. On edge of slough to south, old equipment tracks may have provided a path for salt water to travel as well. Some areas in tracks are not as frozen as rest of area, but discoloration not as evident. Crews will be scraping off snow to further delineate extent of impact in cattails and equipment tracks. Once extent of impact is confirmed, company will await approval from landowner to remove impacted cattails. Ground up to shack where spill originated is currently being washed, and fluids are being sucked out by hydrovac truck. Frozen soil is being stockpiled and transferred to staging area at wellpad to the east. Spill location is inaccessible by heavy equipment and dump trucks. Current estimate on the amount of material to remove is about 6-8 side dumps. Samples will be taken of both earth and impacted ice, with water samples taken if liquid water below the ice is found. Plan is for work to continue at least until Saturday 12/6. Company will update NDDoH of progress and notify the NDDoH of any new developments.

Date: 1/21/2015 **Status:** Correspondence

Author: Martin, Russell

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Phone call and email from site personnel. Sample results included in email. Water samples taken underneath slough ice indicate impact in slough. However, after water samples were taken, remaining water also froze. Company will monitor site once ice melts and determine extent of any remaining impact at that time.

Date: 2/18/2015 **Status:** Correspondence

Author: Martin, Russell

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Received new sample result for water sampled in the slough. Chloride results still much higher than background. Awaiting plan for remediation from contact.

Date: 4/21/2015 **Status:** Inspection

Author: Martin, Russell

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

4/21/2015 at 18:14, on location. New growth starting to appear along slough edge. No erosion control has been placed on excavated slope; will be calling in to report contact to discuss further work.

Date: 4/29/2015 **Status:** Correspondence

Author: Martin, Russell

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Phone call with report contact, U.S. Fish & Wildlife Service will be supplying seed mix for application on the excavated slope. Area will continue to be monitored for vegetation establishment.

Date: 7/16/2015 **Status:** Inspection

Author: Martin, Russell

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

7/16/2015 at 14:45, on location. Area revegetating, erosion control blankets and wattles are keeping the slope (where the release impacted) stabilized. Various plant types growing on the slope currently. Chloride test strip of slough water nearest to the impacted area showed chloride readings of 80 ppm, below NDDoH action levels. No further follow-up required at this time.

Date: 3/9/2016 **Status:** Correspondence

Author: Suess, Bill

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Bill Suess sent a No Further Action letter dated March 9, 2016.